

ABSTRACT OF THE DISCLOSURE

A method and composition for the passive immunization of patients infected with or susceptible to infection from *Staphylococcus* bacteria such as *S. aureus* and *S. epidermidis* infection is provided that includes the selection or preparation of a donor plasma pool with high antibody titers to carefully selected *Staphylococcus* adhesins or MSCRAMMs, or fragments or components thereof, or sequences with substantial homology thereto. The donor plasma pool can be prepared by combining individual blood or blood component samples which have higher than normal titers of antibodies to one or more of the selected adhesins or other proteins that bind to extracellular matrix proteins, or by administering carefully selected proteins or peptides to a host to induce the expression of desired antibodies, and subsequently recovering the enhanced high titer serum or plasma pool from the treated host. In either case, the donor plasma pool is preferably purified and concentrated prior to intravenous introduction into the patient, and the present invention is advantageous in that a patient can be immunized against a wide variety of potentially dangerous staphylococcal infections. Kits for identifying potential donor with high titers of the selected adhesins are also provided. The present invention thus provides methods and compositions which can be highly effective against infections associated with *Staphylococcus* bacteria.